PATENT ABSTRACTS OF JAPAN

(11)Publication number : **01-148300**
(43)Date of publication of application : **09.06.1989**

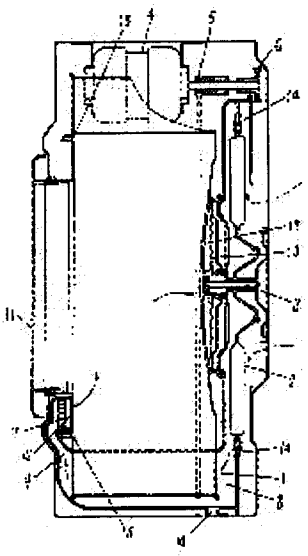
(51)Int.Cl. **D06F 58/02**

(21)Application number : **62-307833**
(22)Date of filing : **04.12.1987**

(71)Applicant : **MATSUSHITA ELECTRIC IND CO LTD**
(72)Inventor : **NUKINA YASUYUKI**
NARUO NOBORU

(54) BACTERIUM-PROOFING METHOD FOR CLOTHES DRYING MACHINE

(57)Abstract:
PURPOSE: To exhibit a high microorganism removing capability by heating trichlosan to the temperature higher than the clothes temperature in a rotary drum of a clothes drying machine and introducing the vapor thereof into the rotary drum, thereby uniformly adhering the trichlosan to the clothes.
CONSTITUTION: A net-like perforated body 16 made of glass fibers impregnated with the trichlosan is disposed in proximity to a heater 7. The trichlosan is heated and evaporated by the heater 7 and the vapor thereof is introduced into the rotary drum 1. The clothes to be dried are housed therein and the vaporized trichlosan diffuses down to the inside of the clothes superposed on each other and comes into contact with the clothes. The clothes are wetted and are deprived of the heat of vaporization in the process of drying and, therefore, the temperature thereof is lower than the temperature of the air which is heated by the heater 7, contains the trichlosan and is introduced into the rotary drum 1. Consequently, the trichlosan deposits and adheres to the clothes. The uniform adhesion of the trichlosan to the clothes is thus made possible and the high microorganism removing capability is exhibited.



English Translation of Relevant Portions of JP-A-H01-148300

Published on June 9, 1989

:

Page (2), bottom left column, lines 3 to 11

Triclosan is heated by the heater 7 to be evaporated, and is led into the rotation drum 1. Articles of clothing to be dried is put inside the rotation drum 1, and the evaporated triclosan is diffused to reach inside of and come in contact with the articles of clothing put one on another. Since the wet articles of clothing are deprived of heat of evaporation in the course of being dried, they are lower in temperature than the air that has been heated by the heater 7 and led into the rotation drum 1 with the triclosan vapor. Thus, triclosan is deposited and attaches to the articles of clothing.